

LATI Latistat 62-06 K/10 PA6, 10% Carbon Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Carbon Fiber Filled

Material Notes:

Dissipative product based on Polyamide 6 (PA6). Carbon fiber. Availability: Africa & Middle East; Asia Pacific; Europe; Latin America; North America
Information provided by Lati Industria Termoplastici S.p.A.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LATI-Latistat-62-06-K10-PA6-10-Carbon-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	
Linear Mold Shrinkage, Flow	0.0040 - 0.0055 cm/cm	0.0040 - 0.0055 in/in	
Linear Mold Shrinkage, Transverse	0.0105 - 0.0135 cm/cm	0.0105 - 0.0135 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	115 MPa	16700 psi	
Elongation at Break	6.5 %	6.5 %	
Elongation at Yield	3.5 %	3.5 %	
Tensile Modulus	8.10 GPa	1170 ksi	
Charpy Impact Unnotched	4.00 J/cm ²	19.0 ft-lb/in ²	
Charpy Impact, Notched	1.50 J/cm ²	7.14 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	215 Â°C	419 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	200 Â°C	392 Â°F	
Vicat Softening Point	205 Â°C @Load 5.00 kg	401 Â°F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Surface Resistance	5000 ohm	5000 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 280 Â°C	464 - 536 Â°F	

Mold Temperature Processing Properties	80.0 - 100 Â°C Metric	176 - 212 Â°F English	Comments
Drying Temperature	90.0 - 100 Â°C @Time 10800 sec	194 - 212 Â°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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